



```

SSSSSSSS TTTTTTTTTT HH HH LL
SSSSSSSS TTTTTTTTTT HH HH LL
SS      TT      HH HH LL
SS      TT      HH HH LL
SS      TT      HH HH LL
SS      TT      HH HH LL
      SSSSSS TT      HHHHHHHHHH LL
      SSSSSS TT      HHHHHHHHHH LL
              SS TT      HH HH LL
              SS TT      HH HH LL
              SS TT      HH HH LL
              SS TT      HH HH LL
SSSSSSSS TT      HH HH LLLLLLLLLL
SSSSSSSS TT      HH HH LLLLLLLLLL

```

```

LL          IIIIII          SSSSSSSS
LL          IIIIII          SSSSSSSS
LL          II             SS
LL          II             SS
LL          II             SS
LL          II             SS
LL          II             SSSSSS
LL          II             SSSSSS
LL          II             SS
LL          II             SS
LL          II             SS
LL          II             SS
LL          II             SSSSSS
LLLLLLLLLL IIIIIIII        SSSSSSSS
LLLLLLLLLL IIIIIIII        SSSSSSSS

```

```
0001 0 XTITLE 'Process .STYLE HEADERS command'
0002 0 MODULE STHL (
0003 0 IDENT = 'V04-000'
P 0004 0 XBLISS32[
P 0005 0 ADDRESSING_MODE(EXTERNAL=LONG_RELATIVE, NONEXTERNAL=LONG_RELATIVE)
0006 0 ]
0007 0 ) =
0008 0 BEGIN
0009 1
0010 1
0011 1 *****
0012 1 *
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0030 1 *
0031 1 *
0032 1 *****
0033 1
0034 1 ++
0035 1 FACILITY: DSR (Digital Standard RUNOFF) / DSRPLUS
0036 1
0037 1 ABSTRACT: Processes the .STYLE HEADERS command
0038 1
0039 1
0040 1 ENVIRONMENT: Transportable
0041 1
0042 1 AUTHOR: R.W.Friday CREATION DATE: April, 1979
0043 1
```



STHL  
V04-000

Process .STYLE HEADERS command  
Revision History

B 9  
16-Sep-1984 01:49:44  
14-Sep-1984 13:08:13

VAX-11 Bliss-32 V4.0-742  
DISK\$VMSMASTER:[RUNOFF.SRC]STHL.BLI;1 Page 2 (2)

45  
46  
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49  
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51  
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53

0044 1 XSBTTL 'Revision History'  
0045 1  
0046 1 MODIFIED BY:  
0047 1  
0048 1  
0049 1 004  
0050 1  
0051 1  
0052 1 --

REM00004 Ray Marshall 07-Mar-1983  
Global edit of all modules. Updated module names, idents,  
copyright dates. Changed require files to BLISS library.

STHL  
V04-000

Process .STYLE HEADERS command  
Module Level Declarations

C 9  
16-Sep-1984 01:49:44  
14-Sep-1984 13:08:13

VAX-11 Bliss-32 V4.0-742  
DISK\$VMSMASTER:[RUNOFF.SRC]STHL.BLI;1  
Page 3  
(3)

STKL  
V04-

```

55 0053 1 %SBTTL 'Module Level Declarations'
56 0054 1
57 0055 1 TABLE OF CONTENTS:
58 0056 1
59 0057 1
60 0058 1
61 0059 1 INCLUDE FILES:
62 0060 1
63 0061 1
64 0062 1 LIBRARY 'NXPORT:XPORT'; ! XPORT Library
65 0063 1 REQUIRE 'REQ:RNODEF'; ! RUNOFF variant definitions
66 0194 1
67 U 0195 1 %IF DSRPLUS %THEN
68 U 0196 1 LIBRARY 'REQ:DPLLIB'; ! DSRPLUS BLISS Library
69 0197 1 %ELSE
70 0198 1 LIBRARY 'REQ:DSRLIB'; ! DSR BLISS Library
71 0199 1 %FI
72 0200 1
73 0201 1
74 0202 1 MACROS:
75 0203 1
76 0204 1
77 0205 1
78 0206 1 EQUATED SYMBOLS:
79 0207 1
80 0208 1
81 0209 1
82 0210 1 OWN STORAGE:
83 0211 1
84 0212 1
85 0213 1
86 0214 1 EXTERNAL REFERENCES:
87 0215 1 EXTERNAL
88 0216 1 HLC : HLC DEFINITION,
89 0217 1 NMLST : NUMBER_LIST;
90 0218 1
91 0219 1
92 0220 1 EXTERNAL ROUTINE
93 0221 1 GLNM;
```

```

95 0222 1 %SBTTL 'STHL --'
96 0223 1 GLOBAL ROUTINE sthl (handler_code) :NOVALUE =
97 0224 1
98 0225 1 ++
99 0226 1 FUNCTIONAL DESCRIPTION:
100 0227 1
101 0228 1     STHL processes the .STYLE HEADERS command, which specifies
102 0229 1     how text given on a .HEADER LEVEL command is to be processed.
103 0230 1
104 0231 1 FORMAL PARAMETERS:
105 0232 1
106 0233 1     HANDLER_CODE is a dummy, used just for conformance.
107 0234 1
108 0235 1 IMPLICIT INPUTS:
109 0236 1
110 0237 1     There are 9 legal arguments that can be supplied to .STHL. They are gotten
111 0238 1     by GLNM(9) at the beginning of this routine. The 9 arguments control the
112 0239 1     following things:
113 0240 1
114 0241 1     n1: Heads at this level or higher (smaller n) are made all-cap. Default 1.
115 0242 1     n2: Heads at this level and lower (larger n) are cap-lower-case. Default 2.
116 0243 1     n3: Heads at this level and lower are run-in heads. Default 3. ??
117 0244 1     n4: Heads at this level and lower are not numbered. Default 7.
118 0245 1     n5: Heads at this level and lower, if not run-in, are centered. Default 7.
119 0246 1     n6: This many lines are skipped before heads. Default 2. ??
120 0247 1     n7: This many lines are skipped after heads. Default 1. ??
121 0248 1     n8: An implied test-page of this many lines is done before heads. Default 3. ??
122 0249 1     n9: This many spaces are inserted after header number, before title. Default 1.
123 0250 1
124 0251 1 IMPLICIT OUTPUTS:      None
125 0252 1
126 0253 1 ROUTINE VALUE:
127 0254 1 COMPLETION CODES:      None
128 0255 1
129 0256 1 SIDE EFFECTS:          None
130 0257 1
131 0258 1 --
132 0259 1
133 0260 2 BEGIN
134 0261 2
135 0262 2 !Get parameters.
136 0263 2 glnm(9);
137 0264 2
138 0265 2 !If any parameter is in error don't do anything but return.
139 0266 2 INCR i FROM 1 TO .nmlst_count DO
140 0267 2     IF .nmlst_descr (.i) EQL nm_bad THEN
141 0268 2         RETURN;
142 0269 2
143 0270 2 !Process parameters
144 0271 2
145 0272 2 ! First parameter specifies lowest .HL command that generates
146 0273 2 ! a "runon" header --
147 0274 2 IF .nmlst_count GEQ 1 THEN ! First, be sure there was at least 1 parameter.
148 0275 2 BEGIN
149 0276 2     IF .nmlst_descr(1) NEQ nm_null ! Be sure this parameter was specified
150 0277 2     THEN
151 0278 2         hlc_runon = .nmlst_value(1);! Assign first value to "runon"
```



STHL  
V04-000

Process .STYLE HEADERS command  
STHL --

E 9  
16-Sep-1984 01:49:44  
14-Sep-1984 13:08:13

VAX-11 Bliss-32 V4.0-742  
DISK\$VMSMASTER:[RUNOFF.SRC]STHL.BLI;1

Page 5  
(4)

```
152 0279 3
153 0280 3      IF .nmlst_count GEQ 2 THEN      ! If at least two parameters specified
154 0281 4      BEGIN
155 0282 4      IF .nmlst_descr(2) NEQ nm_null ! Be sure second parameter was
156 0283 4      THEN                          specified
157 0284 4          hlc_upper = .nmlst_value(2); ! Assign its value to "all upper case"
158 0285 4
159 0286 4      !Make sure there was a third parameter specified.
160 0287 4      IF .nmlst_count GEQ 3 THEN
161 0288 5      BEGIN
162 0289 5      IF .nmlst_descr(3) NEQ nm_null !Be sure third parameter was specified
163 0290 5      THEN
164 0291 5          hlc_cap = .nmlst_value(3); !Assign third value to "capitalize first character".
165 0292 5
166 0293 5      !Make sure there was a fourth parameter specified.
167 0294 5      IF .nmlst_count GEQ 4 THEN
168 0295 6      BEGIN
169 0296 6          !If the fourth parameter was not a dummy, get its value.
170 0297 6      IF .nmlst_descr(4) NEQ nm_null THEN
171 0298 6          hlc_no_number = .nmlst_value(4);
172 0299 6
173 0300 6      !Make sure there was a fifth parameter specified.
174 0301 6      IF .nmlst_count GEQ 5 THEN
175 0302 7      BEGIN
176 0303 7          !Process fifth parameter only if it was not null
177 0304 7      IF .nmlst_descr(5) NEQ nm_null THEN
178 0305 7          hlc_center = .nmlst_value(5);
179 0306 7
180 0307 7      !Make sure there was a sixth parameter specified.
181 0308 7      IF .nmlst_count GEQ 6 THEN
182 0309 8      BEGIN
183 0310 8          !Process sixth parameter only if it was not null.
184 0311 8      IF .nmlst_descr(6) NEQ nm_null THEN
185 0312 8          hlc_headlb = .nmlst_value(6);
186 0313 8
187 0314 8      !Make sure there was a seventh parameter specified.
188 0315 8      IF .nmlst_count GEQ 7 THEN
189 0316 9      BEGIN
190 0317 9          !Process the seventh parameter only if it wasn't null
191 0318 9      IF .nmlst_descr(7) NEQ nm_null THEN
192 0319 9          hlc_headlc = .nmlst_value(7);
193 0320 9
194 0321 9      !Make sure an eighth parameter was specified
195 0322 9      IF .nmlst_count GEQ 8 THEN
196 0323 10     BEGIN
197 0324 10         !Process the eighth parameter only if it wasn't null.
198 0325 10     IF .nmlst_descr(8) NEQ nm_null THEN
199 0326 10         hlc_headlt = .nmlst_value(8);
200 0327 10
201 0328 10     !Make sure a ninth parameter was specified
202 0329 10     IF .nmlst_count GEQ 9 THEN
203 0330 11     BEGIN
204 0331 11         !Process the ninth parameter only if it wasn't null.
205 0332 11     IF .nmlst_descr(9) NEQ nm_null THEN
206 0333 11         hlc_headsp = .nmlst_value(9);
207 0334 10
208 0335 9     END;
END;
```

```

.: 209      0336      8
.: 210      0337      7
.: 211      0338      6
.: 212      0339      5
.: 213      0340      4
.: 214      0341      4
.: 215      0342      3
.: 216      0343      2
.: 217      0344      2
.: 218      0345      1

```

```
.TITLE  STHL Process .STYLE HEADERS command
.IDENT  \V04-000\
```

```
.EXTRN HLC, NMLST, GLNM
```

```
.PSECT $CODE$,NOWRT,2
```

```
.ENTRY   STHL, Save R2,R3
```

			000C	00000	.ENTRY	STHL	Save R2,R3	: 0223
	53	00000000G	EF	9E	MOVAB	HLC+8,	R3	:
	52	00000000G	EF	9E	MOVAB	NMLST,	R2	:
			09	DD	PUSHL	#9		: 0263
00000000G	EF		01	FB	CALLS	#1,	GLNM	:
	51		62	D0	MOVL	NMLST,	R1	: 0266
			50	D4	CLRL	I		:
			09	11	BRB	2\$		:
	04	00A0	C240	D1	CMPL	NMLST+160[I],	#4	: 0267
			01	12	BNEQ	2\$		:
				04	RET			:
F3	50		51	F3	AOBLEQ	R1, I,	1\$	:
			51	D5	TSTL	R1		: 0274
			01	14	BGTR	3\$		:
				04	RET			:
		00A4	C2	D5	TSTL	NMLST+164		: 0276
			04	13	BEQL	4\$		:
	63	04	A2	D0	MOVL	NMLST+4,	HLC+8	: 0278
	02		51	D1	CMPL	R1,	#2	: 0280
			7B	19	BLSS	12\$		:
		00A8	C2	D5	TSTL	NMLST+168		: 0282
			05	13	BEQL	5\$		:
F8	A3	08	A2	D0	MOVL	NMLST+8,	HLC	: 0284
	03		51	D1	CMPL	R1,	#3	: 0287
			6B	19	BLSS	12\$		:
		00AC	C2	D5	TSTL	NMLST+172		: 0289
			05	13	BEQL	6\$		:
FC	A3	0C	A2	D0	MOVL	NMLST+12,	HLC+4	: 0291
	04		51	D1	CMPL	R1,	#4	: 0294
			5B	19	BLSS	12\$		:
		00B0	C2	D5	TSTL	NMLST+176		: 0297
			05	13	BEQL	7\$		:
14	A3	10	A2	D0	MOVL	NMLST+16,	HLC+28	: 0298
	05		51	D1	CMPL	R1,	#5	: 0301
			4B	19	BLSS	12\$		:
		00B4	C2	D5	TSTL	NMLST+180		: 0304
			05	13	BEQL	8\$		:
1C	A3	14	A2	D0	MOVL	NMLST+20,	HLC+36	: 0305



STHL  
V04-000

Process .STYLE HEADERS command  
STHL --

6 9  
16-Sep-1984 01:49:44  
14-Sep-1984 13:08:13

VAX-11 Bliss-32 V4.0-742  
DISK\$VMSMASTER:[RUNOFF.SRC]STHL.BLI;1

Page 7  
(4)

06			51	D1	0007C	8%:	CMPL	R1, #6	0308
			3B	19	0007F		BLSS	12\$	
		00B8	C2	D5	00081		TSTL	NMLST+184	0311
			05	13	00085		BEQL	9\$	
10	A3	18	A2	D0	00087		MOVL	NMLST+24, HLC+24	0312
	07		51	D1	0008C	9%:	CMPL	R1, #7	0315
			2B	19	0008F		BLSS	12\$	
		00BC	C2	D5	00091		TSTL	NMLST+188	0318
			05	13	00095		BEQL	10\$	
08	A3	1C	A2	D0	00097		MOVL	NMLST+28, HLC+16	0319
	08		51	D1	0009C	10%:	CMPL	R1, #8	0322
			1B	19	0009F		BLSS	12\$	
		00C0	C2	D5	000A1		TSTL	NMLST+192	0325
			05	13	000A5		BEQL	11\$	
0C	A3	20	A2	D0	000A7		MOVL	NMLST+32, HLC+20	0326
	09		51	D1	000AC	11%:	CMPL	R1, #9	0329
			0B	19	000AF		BLSS	12\$	
		00C4	C2	D5	000B1		TSTL	NMLST+196	0332
			05	13	000B5		BEQL	12\$	
18	A3	24	A2	D0	000B7		MOVL	NMLST+36, HLC+32	0333
			04	000BC	12%:	RET			0345

; Routine Size: 189 bytes, Routine Base: \$CODE\$ + 0000

; 219 0346 1 END !End of module  
; 220 0347 0 ELUDOM

#### PSECT SUMMARY

Name	Bytes	Attributes
\$CODE\$	189	NOVEC,NOWRT, RD, EXE,NOSHR, LCL, REL, CON,NOPI,ALIGN(2)

#### Library Statistics

File	Total	Symbols Loaded	Percent	Pages Mapped	Processing Time
\$255\$DUA28:[SYSLIB]XPORT.L32;1	590	0	0	252	00:00.1
\$255\$DUA28:[RUNOFF.SRC]DSRLIB.L32;1	1248	20	1	86	00:00.2

#### COMMAND QUALIFIERS

STHL  
V04-000

Process .STYLE HEADERS command  
STHL --

H 9  
16-Sep-1984 01:49:44  
14-Sep-1984 13:08:13

VAX-11 Bliss-32 V4.0-742  
DISK\$VMSMASTER:[RUNOFF.SRC]STHL.BLI;1  
Page 8 (4)

; BLISS/CHECK=(FIELD,INITIAL,OPTIMIZE)/LIS=LISS:STHL/OBJ=OBJ\$:STHL MSRC\$:STHL/UPDATE=(ENHS:STHL)

; Size: 189 code + 0 data bytes  
; Run Time: 00:06.8  
; Elapsed Time: 00:20.8  
; Lines/CPU Min: 3075  
; Lexemes/CPU-Min: 25542  
; Memory Used: 70 pages  
; Compilation Complete

STYL  
V04-



0349

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